

# NPDES Storm Water Investigation Worksheet (Construction)

## Background Information

National Database Information				General	
Inspection Type	W				
Permit Number					
Inspection Date					
Inspector Type (circle one)	EPA	State	EPA Oversight		
Facility Type (circle one)	Commercial/ Industrial	Residential	Municipal		
Inspector Name					
Telephone					
Entry Time					
Exit Interview Conducted					
Exit Time					
Signature					

Facility Location Information					
Name/Location/ Mailing Address					
GPS Coordinates	Latitude		Longitude		
Receiving Water(s)					
Disturbed Area		Start Date		Stop Date	

Contact Information		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator		
Facility Contact		
Authorized Official(s)		

Site Information: (circle all that apply)							
Nature of Project	Residential	Commercial/ Industrial	Roadway	Private	Federal	State/ Municipal	Other
Construction Stage	Clearing/ Grubbing	Rough Grading	Infrastructure	Building Construction	Final Grading	Final Stabilization	

Basic Permit Information (circle one)			Basic SWPPP Information		
Permit Coverage?	Y	N	SWPPP on site	Y	N
Permit Type	General	Individual	SWPPP Satisfactory*	Y	N
NOI visibly posted at entrance?	Y	N	SWPPP Implementation Satisfactory	Y	N
Posting required by permit?	Y	N			
Construction sign posted at entrance?	Y	N			

\*A Satisfactory SWPPP must be both current and complete (see pages 6 and 7 of this checklist).

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Copy of permit on site?	Y	N	
NOI Date			

## SWPPP Implementation *(complete in field)*

<u>General</u>	
<b>Site Description</b>	<i>(include description of areas exposed to rainfall/runoff, drainage patterns &amp; direction of flow)</i>

<u>Stabilization Practices</u>			
<b>Any unprotected/ exposed slopes/areas without vegetation, mulch or matting for more than 14 days after construction activity has ceased?</b>	<i>Area</i>	<i>(indicate "yes" or "no";</i>	<i>if "yes", how long without such?)</i>
<b>List stabilization practices employed at site.</b>	<i>(e.g., seeding, mulching, geotextiles, sod stabilization)</i>		
<b>Stabilization practices properly applied in a timely manner and adequately maintained?</b>	<i>(indicate "yes" or "no"; explain if necessary)</i>		

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## SWPPP Implementation *(continued)*

<u>Structural Practices</u>	
<b>List structural controls employed at the site. (e.g., silt fences, hay bales, storm drain inlet protection, sedimentation pond, rip rap, check dam, diversion structure)</b>	<i>(provide a brief description for each)</i> silt fences  hay bales  storm drain inlet protection  sedimentation pond  rip rap  check dam
<b>Discuss how the structural controls are, or are not, appropriate for the site.</b>	<i>(i.e., silt fence installed in a live stream)</i>
<b>Are structural controls properly installed and maintained?</b>	<i>(indicate "yes" or "no"; explain if necessary)</i>

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## SWPPP Implementation *(continued)*

<b>Non-Structural Controls</b>	
<b>Good Housekeeping</b>	<i>(provide brief description and whether appropriate /properly maintained; if N/A, so state)</i>
<b>Vegetative Buffer</b>	<i>(provide brief description and whether appropriate /properly maintained; if N/A, so state)</i>
<b>Street Cleaning</b>	<i>(provide brief description and whether appropriate /properly maintained; if N/A, so state)</i>
<b>Equipment Wash/ Maintenance Area</b>	<i>(provide brief description and whether appropriate /properly maintained; if N/A, so state)</i>
<b>Concrete Washout Areas</b>	<i>(provide brief description and whether appropriate /properly maintained; if N/A, so state)</i>

## SWPPP Implementation *(continued)*

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<u>Other Controls</u>	
<b>Off-site Vehicle Tracking</b>	<i>(provide brief description and whether appropriate /properly maintained; if N/A, so state)</i>
<b>Storm Water Outfalls</b>	<i>(indicate whether outfalls identified correspond with the site map)</i>
<b>Waste Disposal Practices</b>	<i>(provide brief description and whether appropriate /properly maintained; if N/A, so state)</i>

<u>Miscellaneous</u>	
<b>Evidence of Sediment Deposition to Surface Waters</b>	<i>(provide brief description)</i>

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## SWPPP Review *(can be completed in office)*

General			Notes:
Is there a SWPPP?	Y	N	
Is a copy of the SWPPP on site?	Y	N	
Did all "operators" sign the SWPPP?	Y	N	
Did the signatures include the certification statement?	Y	N	
Were the signatories authorized to sign?	Y	N	

Site Description			Notes:
Is there a site description?	Y	N	
Nature/sequence of construction activity?	Y	N	
Total area of site and total area to be disturbed?	Y	N	
Pre/post runoff coefficient/soils description?	Y	N	
Operator evaluation of Endangered Species Act requirements?	Y	N	
Name of receiving water(s) or MS4 listed?	Y	N	
Is the receiving water a tributary to waters of the U.S.? (if "yes" indicate name of tributary)	Y	N	
Is there a site map?	Y	N	
Drainage patterns/outfalls on map?	Y	N	
Area of soil disturbance on map?	Y	N	
Location of major structural controls on map?	Y	N	
Location of storm water discharges to a surface water on map?	Y	N	
Location of materials or equipment storage on map (on-site or off-site)?	Y	N	

## SWPPP Review *(continued)*

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<u>Controls to Reduce Pollutants</u>			Notes:
Does the SWPPP include a description of interim and permanent <i>stabilization practices</i> (e.g., seeding, mulching, riprap for the site)?	Y	N	
Does the SWPPP identify the contractor(s) and timing by which <i>stabilization practices</i> will be implemented?	Y	N	
Does the SWPPP include a description of <i>structural practices</i> (e.g., off-site vehicle tracking, silt fences, sediment traps, storm drain inlet protection) for the site?	Y	N	
Where the <i>structural practice</i> is a sediment basin that drains over 10 acres, is it adequately designed? (3,600 cu.ft/acre x total drainage acres)	Y	N	
Does the SWPPP identify the contractor(s) who will implement the <i>structural practices</i> ?	Y	N	
Does the SWPPP identify <i>storm water management</i> measures to address storm water runoff once the construction is completed (e.g., retention ponds, velocity dissipation controls)?	Y	N	

<u>Inspections</u>			Notes:
Are inspections completed bi-weekly and within 24 hours after a measurable weather event?	Y	N	
Are the inspection reports signed and certified by an authorized person?	Y	N	
Are the inspections being performed by a qualified person and are the qualifications in the SWPPP?	Y	N	

<u>Photograph Log</u>
1.
2.
3.
4.